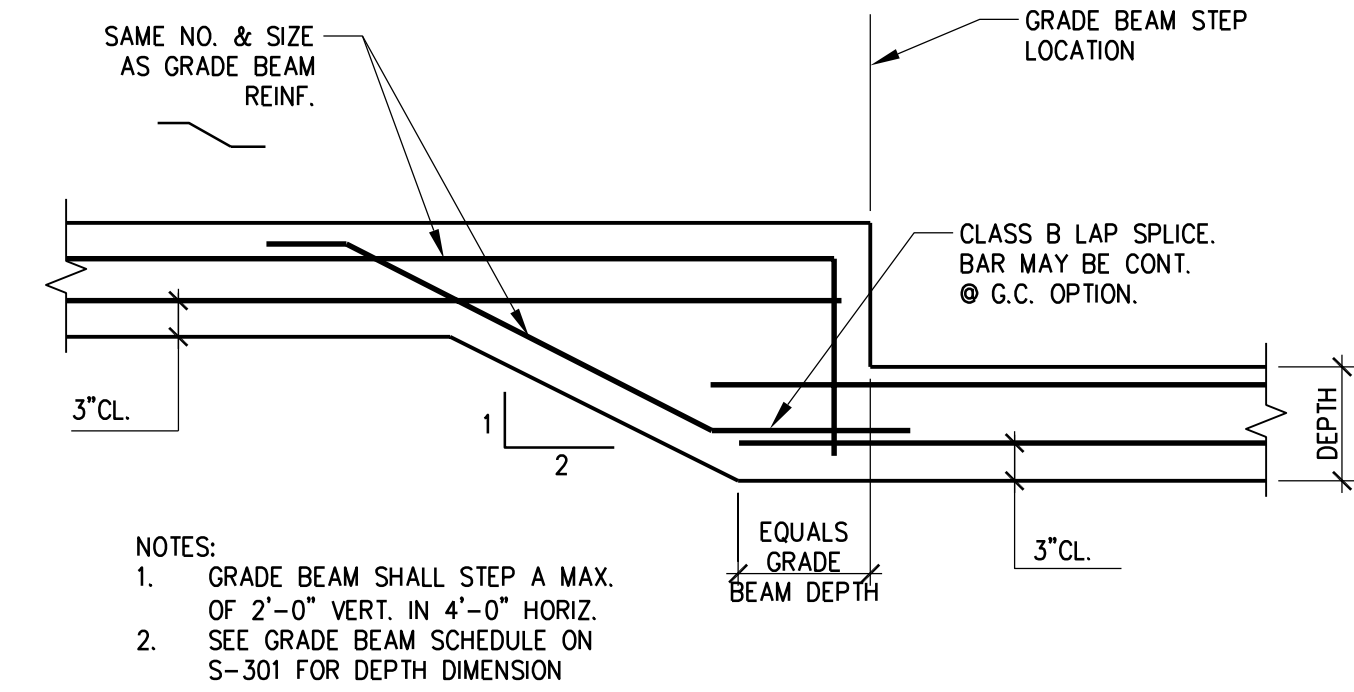
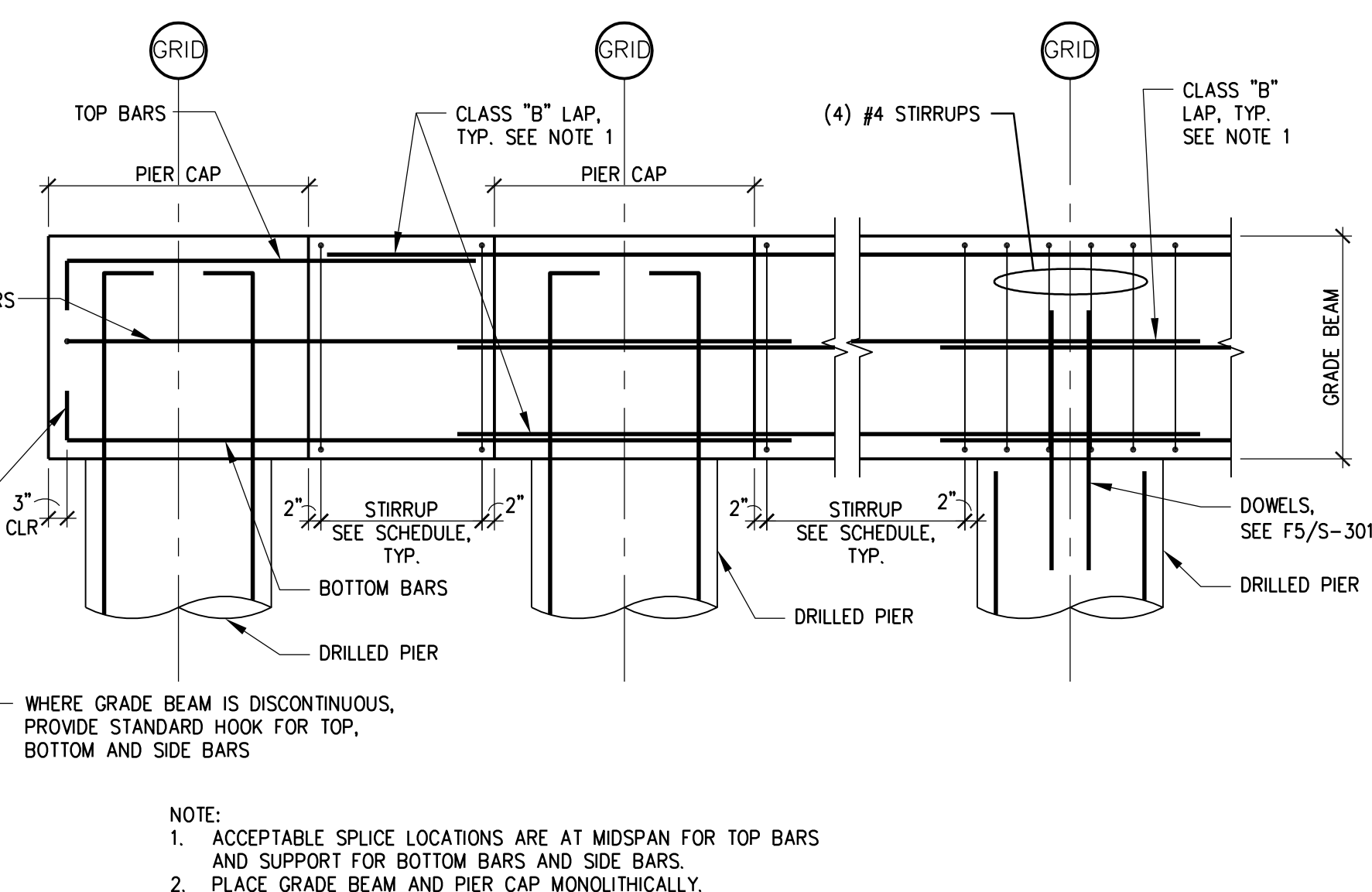


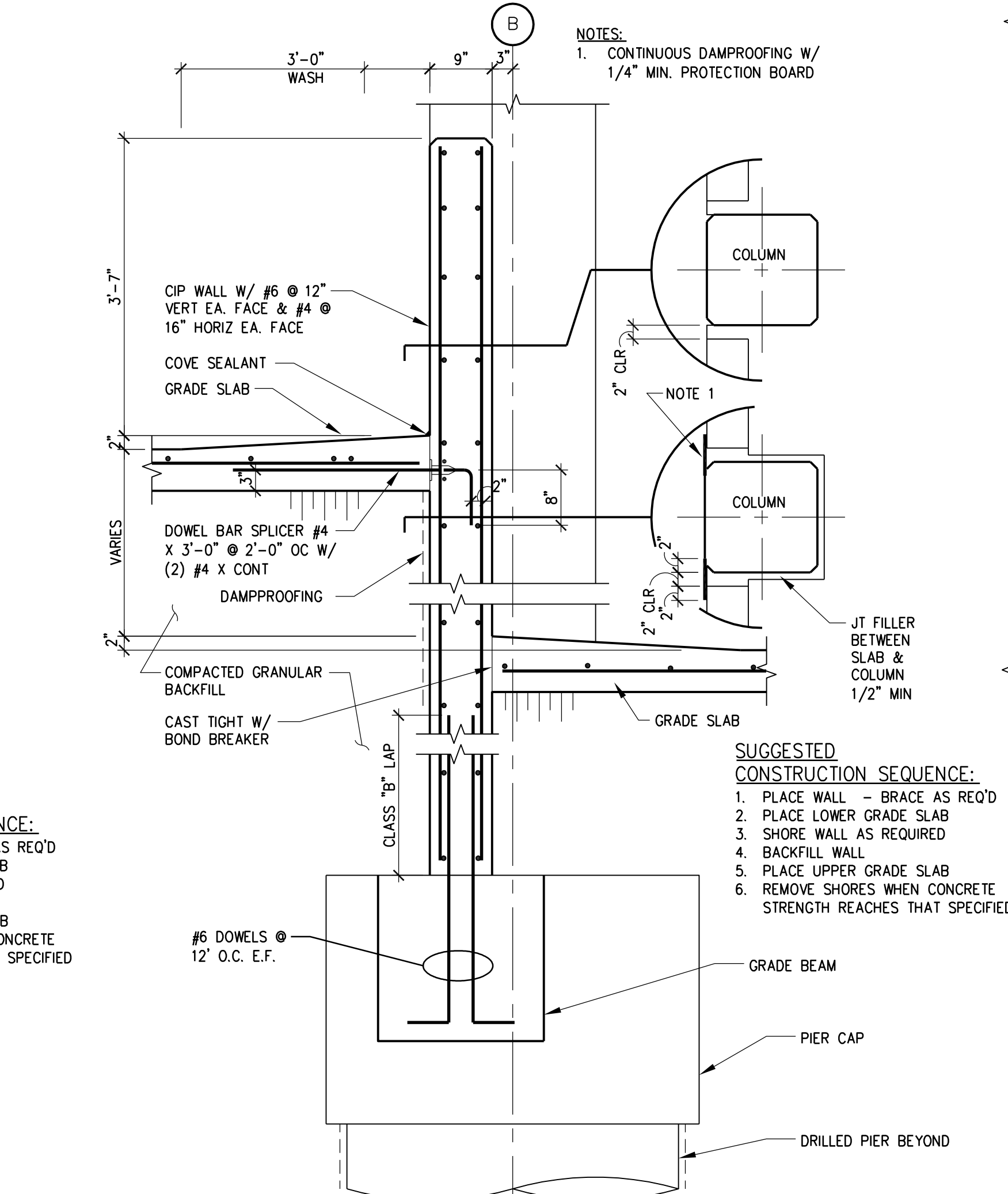
B1 P/T BEAM/WALL/SLAB DETAIL



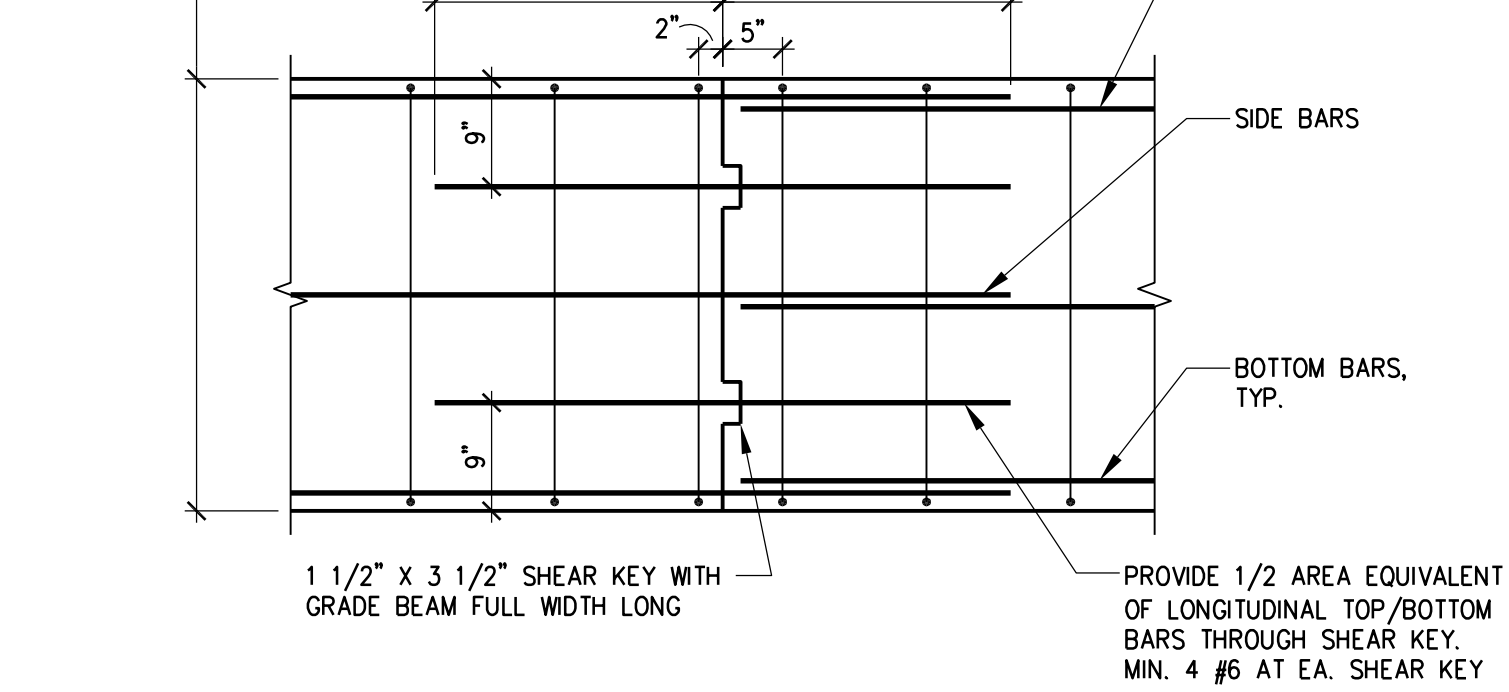
D1 GRADE BEAM STEP DETAIL



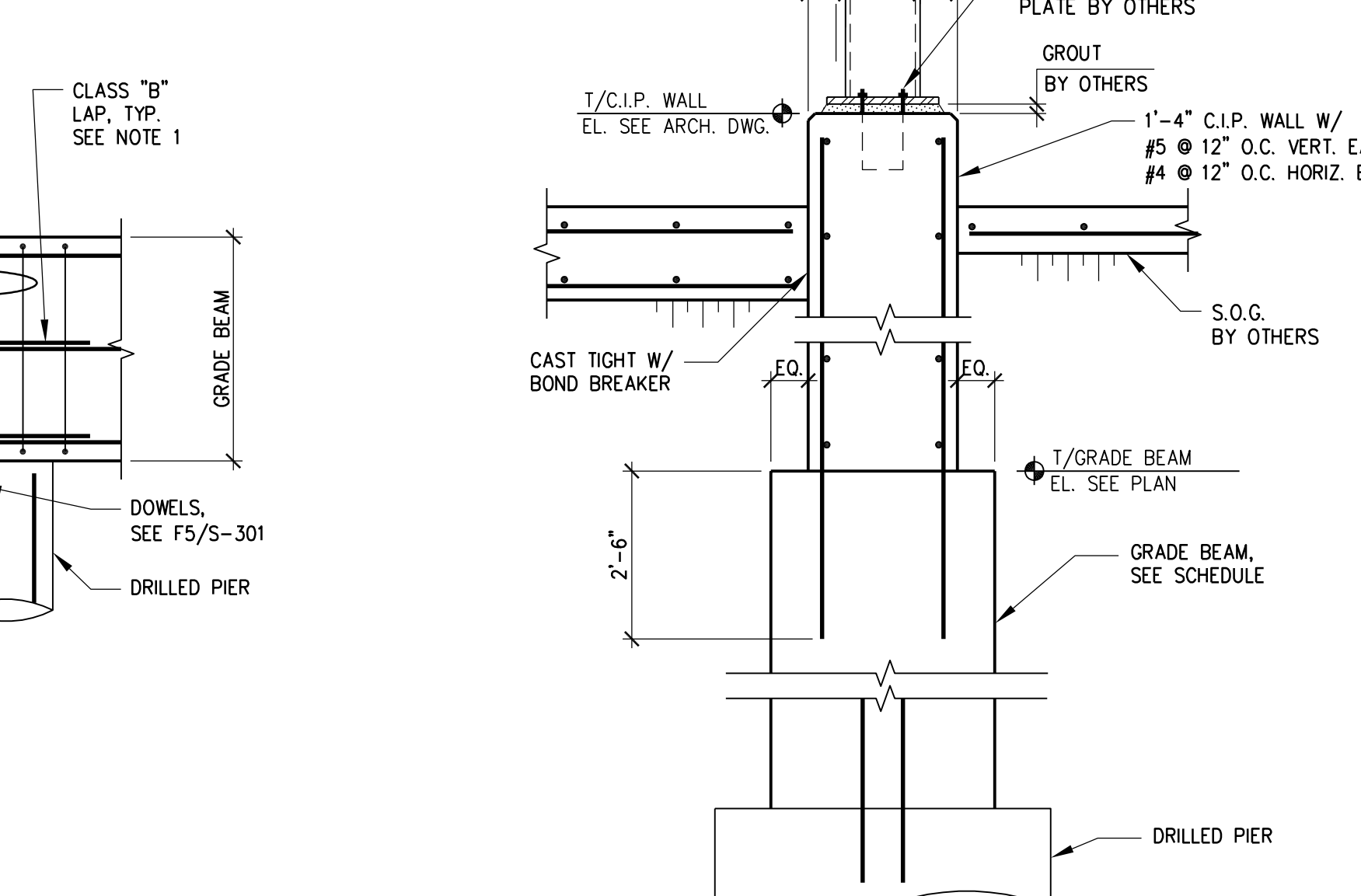
F1 GRADE BEAM SPLICE LOCATION



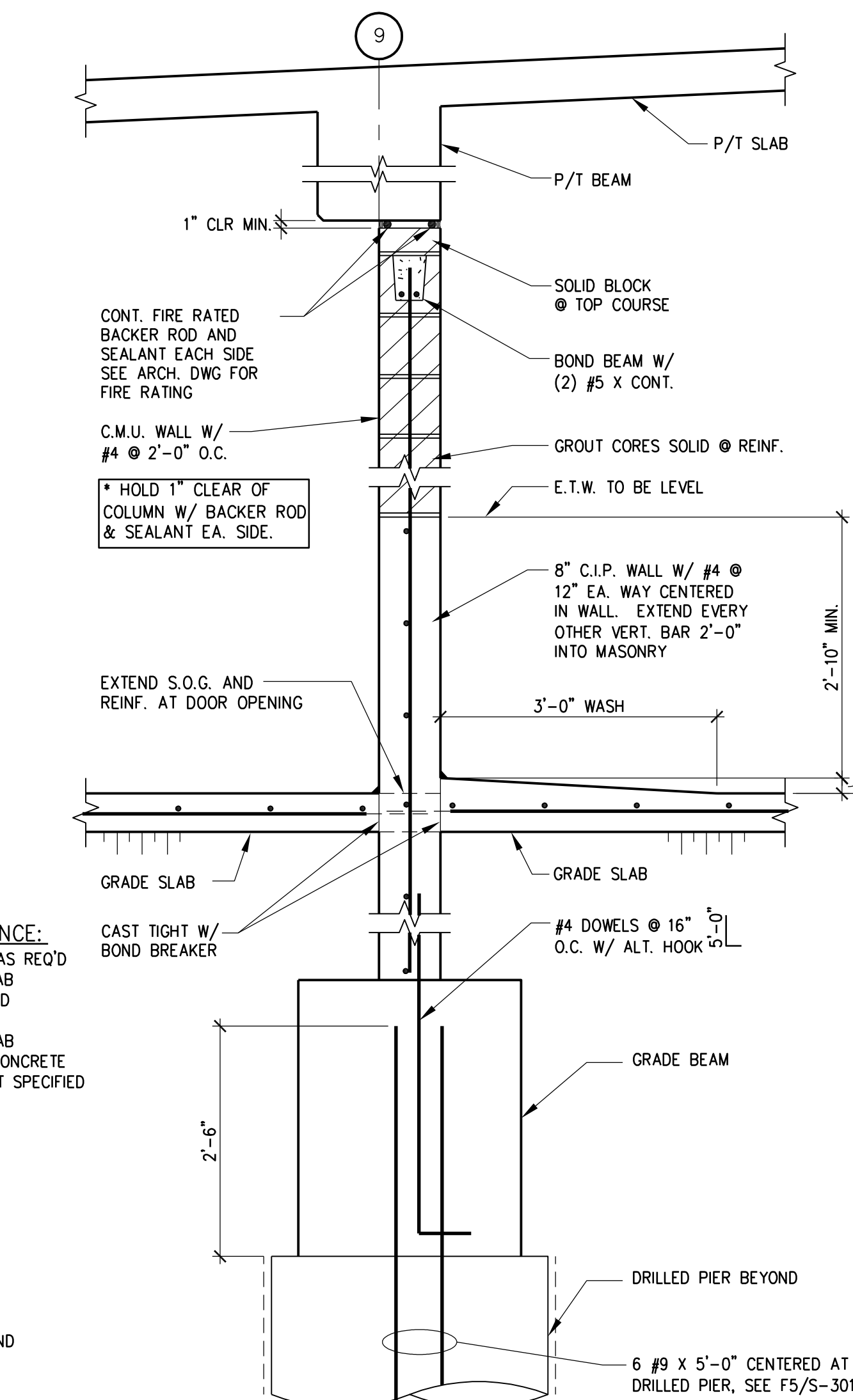
B3 INTERIOR WALL DETAIL



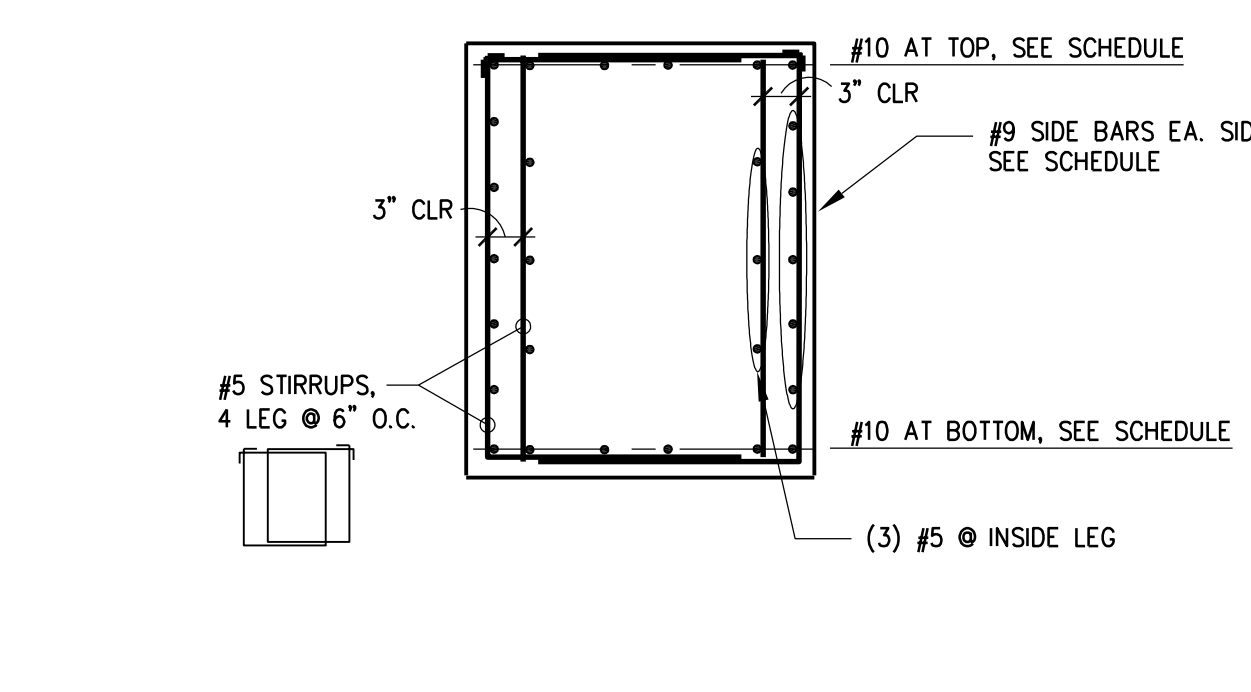
D3 GRADE BEAM CONSTRUCTION JOINT



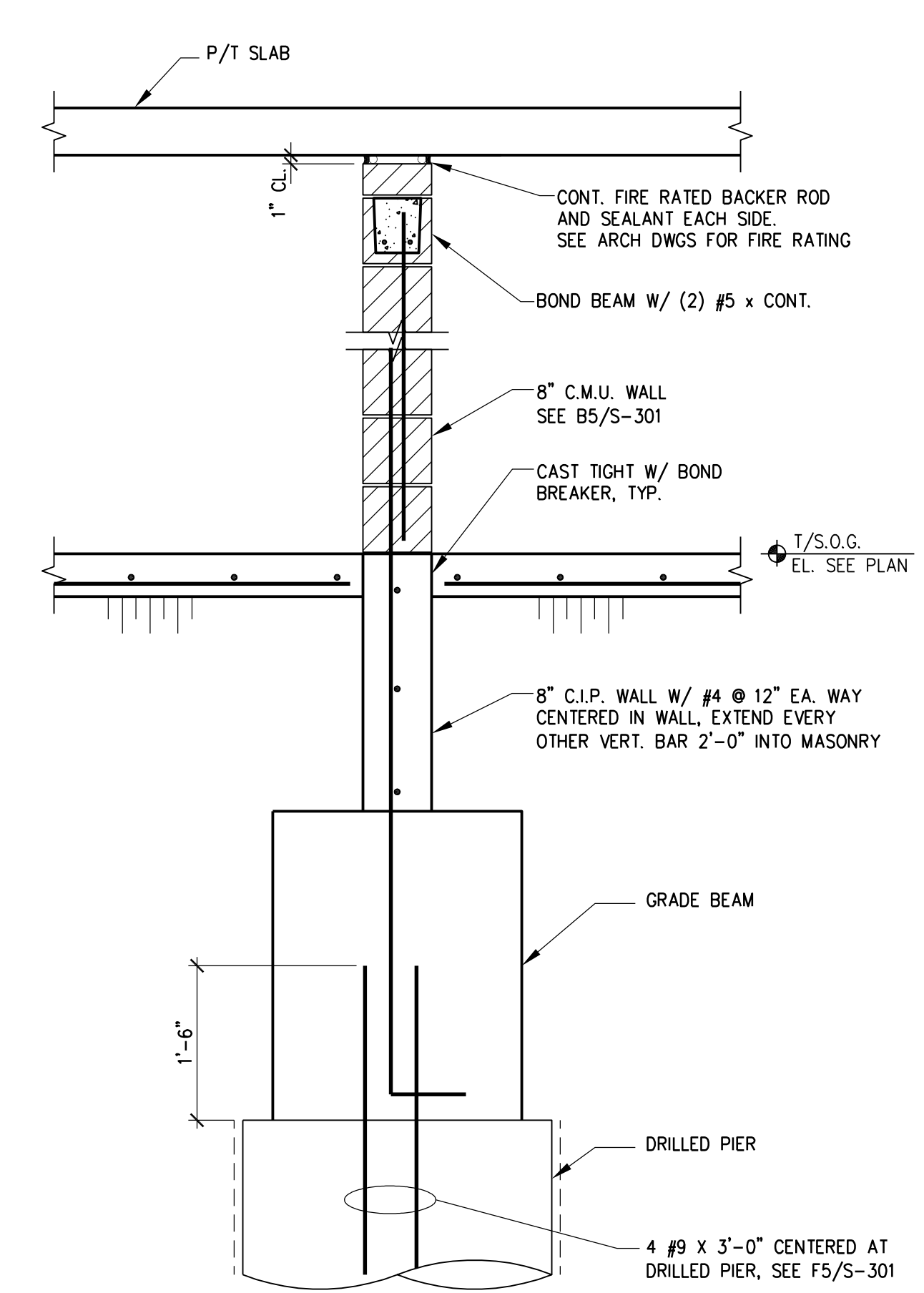
F3 C.I.P. PIER/GRADE BEAM DETAIL



B5 MASONRY WALL DETAIL



D5 GRADE BEAM DETAIL



B7 WALL FOOTING SECTION

DRILLED PIER SCHEDULE					
MARK	DIAMETER	SHAFT		REINFT. LENGTH	REMARKS
		VERT. REINF.	TIES		
DP36	3'-0"	7 - #8	#4 @ 18"	17'-6"	
DP42	3'-6"	7 - #9	#4 @ 18"	17'-6"	
DP48	4'-0"	8 - #10	#4 @ 18"	17'-6"	
DP54	4'-6"	9 - #10	#4 @ 18"	17'-6"	
DP60	5'-0"	9 - #11	#4 @ 18"	19'-0"	
DP66	5'-6"	20 - #11	#4 @ 18"	FULL LENGTH	ALONG GRID A

DRILLED PIER NOTES:  
1. DRILLED PIERS ARE DESIGNED FOR NET ALLOWABLE BEARING PRESSURE OF 80 KSF AND BEAR ON MODERATELY WEATHERED LIMESTONE BEDROCK, SEE GEOTECHNICAL REPORT.

REINFORCED GRADE BEAM SCHEDULE								
MARK	SIZE		REINFORCEMENT		STIRRUPS			REMARKS
	W	D	TOP	BOTTOM	TYPE	SIZE	SPACING EA. END	
GB1	24"	42"	(6) #9	(4) #9	□	#4	3@3", 6@6" REM. @ 12"	(3) #5
GB2	24"	24"	(4) #8	(4) #8	□	#4	3@3", 3@6" REM. @ 12"	-
GB3	38"	48"	(6) #10	(6) #10	□	#5	3@3", 8@4" REM. @ 6"	(5) #9
GB4	24"	36"	(4) #9	(3) #9	□	#4	3@3", 3@6" REM. @ 12"	(3) #5
GB5	38"	42"	(6) #10	(6) #10	□	#5	@ 6"	(5) #9
GB6	24"	36"	(4) #9	(4) #9	□	#4	3@2", 8@4" REM. @ 6"	(3) #8

DRILLED PIER CAP SCHEDULE				
MARK	PIER CAP SIZE		CAP REINFORCEMENT	
	L X W X D		VERT. EA. WAY	HORIZ. EA. WAY
PC1	5'-6" X 5'-6" X 3'-6"		#5 @ 12"	#5 @ 12"
PC2	5'-6" X 5'-6" X 3'-0"		#5 @ 12"	#5 @ 12"
PC3	6'-0" X 6'-0" X 3'-0"		#5 @ 12"	#5 @ 12"
PC4	6'-8" X 6'-8" X 4'-0"		#7 @ 6"	#5 @ 12"
PC5	4'-6" X 4'-6" X 3'-0"		#5 @ 12"	#5 @ 12"

F5 DOWEL DETAIL

CONSULTANTS/ENGINEERS:

KJWW ENGINEERING CONSULTANTS  
Mechanical/Electrical/Plumbing Engineer

TERRACON  
Geotechnical Engineer

GRAF  
Civil Engineer/Landscape Architect

WALKER PARKING CONSULTANTS  
Structural Engineer

FAITHFUL+GOULD  
Cost Management

ARCHITECT:

Loebl Schlossman & Hackl  
Architecture • Planning • Interiors

Drawing Title

FOUNDATION SECTIONS

Approved: Project Director

Iowa City VA Healthcare System  
Department of Veterans Affairs Medical Center

Project Title

400 CAR PARKING GARAGE

Location

IOWA CITY, IA

Date

06/10/2011

Checked

BFN

Drawn

MJK

Project Number

636-402

Building Number

43

Drawing Number

S-301

Dwg. 89 of 152

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 38-6231